

**What is claimed is:**

1. Use of an aqueous dispersion comprising a composition A combined with a polymer which comprises perfluoroalkyl groups to treat fiber materials, said composition A being  
5 preparable by the following successive steps of
  - a) reacting a fluorine-free polyfunctional isocyanate having two or more NCO groups in the molecule or a mixture of such isocyanates with a fluorine-free monohydric alcohol having  
10 10 to 24 and preferably 12 to 22 carbon atoms or a mixture of such alcohols by using 2 to 10 and preferably 4 to 8 equivalents of NCO groups per equivalent of OH groups of the alcohol,
  - b) reacting the product obtained in step a) with a ketone oxime in such proportions that there are still free isocyanate groups present in the resultant product mixture,  
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  - c) reacting the product mixture obtained in step b) with a fluorine-free organic amine which comprises two or three hydroxyl groups or with a fluorine-free polyhydric alcohol or with a mixture of such compounds in such proportions that the resultant product is free of isocyanate groups.  
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2. The use according to claim 1, characterized in that one or more of said steps a), b) and c) and especially step a) are carried out in an anhydrous solvent.
3. The use according to claim 1 or 2, characterized in that step a) utilizes a polymeric  
25 isocyanate which is obtainable by reaction of a tolylene diisocyanate with 1,1,1-trimethylolpropane and diethylene glycol and which still comprises on average 2 or more NCO groups in the molecule.
4. The use according to one or more of claims 1 to 3, characterized in that step b) utilizes 0.2  
30 to 0.7 and preferably 0.35 to 0.65 equivalent of oxime groups per equivalent of free isocyanate groups still present.
5. The use according to one or more of claims 1 to 4, characterized in that the amine utilized in step c) is N-methyldiethanolamine or triethanolamine or a mixture thereof.
- 35 6. The use according to one or more of claims 1 to 5, characterized in that step a) utilizes a mixture of isocyanates wherein one of these isocyanates is an alicyclic isocyanate.

7. The use according to one or more of claims 1 to 6, characterized in that the aqueous dispersion comprises one or more dispersants.

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8. The use according to claim 7, characterized in that the aqueous dispersion comprises at least one cationic dispersant.

9. The use according to one or more of claims 1 to 8, characterized in that the fiber materials are textile fabrics in the form of wovens, formed-loop knits or nonwovens.